

### ABSTRACT OF DISCLOSURE

The present invention provides a polarizer and a polarizing plate having less dimensional changes to heat stress. The present invention provides also a liquid crystal display that includes the polarizer and the 5 polarizing plate, and is free of color irregularity or decoloration. The polarizer has shrinkage force of not more than 4.0 N/cm in the absorption axis direction after being heated at 80°C for 30 minutes. A protective film is laminated on at least one surface of the polarizer in order to form a polarizing plate, and the polarizing plate has a following relationship of 0.01 10  $\leq A/B \leq 0.16$  when A denotes a thickness of the polarizer and B denotes a thickness of the protective film.

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